

ABSTRACT OF THE DISCLOSURE

An electrode assembly for a lithium ion cell and a lithium ion cell using the electrode assembly are provided. The electrode assembly for a lithium ion cell includes a positive electrode plate, a separator and a negative electrode plate, which are sequentially stacked and wound. A positive electrode lead is electrically coupled to the positive electrode plate and is led from the positive electrode plate. A negative electrode lead is electrically coupled to the negative electrode plate and has a current interrupter which is capable of causing a disconnection in the event of an over-current.